Form PTO-1449

Jeffrey D. Walker Applicant:

Serial No.:

10/017,358

Filing Date: December 13, 2001

OPTICAL TRANSMITTER INCLUDING A LINEAR SEMICONDUCTOR OPTICAL For:

AMPLIFIER

Sheet 1 of 4

Confirmation No.: 6851 Att'y Docket No.: 15436.247.45.1.1

Group: 2633

SUPPLEMENTAL INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANT

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Sheet 2 of 4 Form PTO-1449 Confirmation No.: 6851 Jeffrey D. Walker Applicant: Att'y Docket No.: 15436.247.45.1.1 Serial No.: 10/017,358 Group: 2633 December 13, 2001 Filing Date: UDING A LINEAR SEMICONDUCTOR OPTICAL OPTICAL TRANSMITT For: **AMPLIFIER** Chu et al. 02/18/2003 6,522,462 B2 Dijaili et al. 22 06/10/2003 6,577,654 B1 Dijaili et al. 23 6,707,600 B1 03/16/2004 Islam et al. 24 6,714,344 B2 03/30/2004 01/03/2002 Song 25 2002/0001112 Foreign Patent Documents Country or **Publication** Examiner Document Patent Office Translation Initial* Number Date No 02000012978A 01/14/2000 Japan Other Documents (including author, title, pertinent pages, etc.) Examiner Initial* S. Diez et al., All-Optical Switch for TDM and WDM/TDM Systems Demonstrated in a 640 Gbit/s Demultiplexing Experiment, Electronics Letters, Vol. 34, No. 8, pp. 803-805, April 16, 1988. S. Diez et al., Gain-Transparent SOA-Switch for High-Bitrate OTDM Add/Drop Multiplexing, 28 IEEE Photonic Technology Letters, Vol. 11, No. 1, pp. 60-62, January 1999. S. Diez et al., Novel Gain-Transparent SOA-Switch for High Bitrate ODTM Add/Drop 29 Multiplexing, ECOC 1998, Vol. 1, pp. 461-462, September 1998. B. Femier et al., Fast (3000 ps) Polarization Insensitive Semiconductor Optical Amplifier Switch 30 with Low Driving Current (70 mA), Semiconductor Laser Conference, Conference Digest, 14th IEEE International, pp. 130-131, September 21-15, 1992. J.E. Fouquet et al., Compact, Scalable Fiber Optic Cross-Connect Switches, IEEE, 1999 Digest 31 of the LEOS Summer Topical Meetings, pp. 59-60, 1999.

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Form PTO-14 Applicant: Serial No.: Filing Date:	Jeffrey D. Walker 10/017,358 Confirmation No.: 6851 December 13, 2001 Group: 2633
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Form PTO-1449

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OPTICAL TRANSMITTER INCLUDING A LINEAR SEMICONDUCTOR OPTICAL

Sheet 4 of 4

Confirmation No.: 6851

Att'y Docket No.: 15436.247.45.1.1

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References Cited by Applicants

While the filing of Information Disclosure Statements is voluntary, the procedure is governed by the guidelines of Section 609 of the Manual of Patent Examining Procedure and 37 C.F.R. §§ 1.97 and 1.98. To be considered a proper Information Disclosure Statement, Form PTO-1449 shall be accompanied by a copy of each listed patent or publication or other item of information and a translation of the pertinent portions of foreign documents (if an existing translation is readily available to the applicant), an explanation of relevance of each reference not in the English language, and should be submitted in a timely manner as set out in MPEP Sec. 609.

Examiners will consider all citations submitted in conformance with 37 C.F.R. § 1.98 and MPEP Sec. 609 and place their initials adjacent the citations in the spaces provided on this form. Examiners will also initial citations not in conformance with the guidelines which may have been considered. A reference may be considered by the Examiner for any reason whether or not the citation is in full conformance with the guidelines. A line will be drawn through a citation if it is not in conformance with the guidelines AND has not been considered. A copy of the submitted form, as reviewed by the Examiner, will be returned to the applicant with the next communication. The original of the form will be entered into the application file.

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The reference designations "A1," "A2," etc. (referring to Applicant's reference 1, Applicant's reference 2, etc.) will be used by the Examiner in the same manner as Examiner's reference designations "A," "B," "C," etc. on Office Action Form PTO-1142.

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Serial No. Attorney's Docket No. 10/017,358 21153-05929

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Jeffrey D. Walker

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Sheet 3 of 3 DEPARTMENT OF COMMERCE Serial No. FORM PTO-1449 Attorney's Docket No. 10/017,358 21153-05929 89)
INFORMATION DISCLOSURE CITATION (REV. 6-89) Applicant Jeffrey D. Walker Group Art Unit Filing Date (Use several sheets if necessary) Not yet known December 13, 2001 **U.S. PATENT DOCUMENTS** Subclass Filing Date If **Document Number** Name Examiner initial Appropriate Technology Center 2600 **FOREIGN PATENT DOCUMENTS** Class Subclass **Translation** Country **Document Number** No OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Tiemeijer, L.F. et al., "High-Gain 1310 nm Semiconductor Optical Amplifier Modules with a Built-in Des Amplified Signal Monitor for Optical Gain Control," IEEE Photonics Technology Letters, Vol. 9, No. 3 (March 1997), pages 309-311. Tiemeijer, L.F. et al., "Reduced Intermodulation Distortion in 1300 nm Gain-Clamped MQW Laser Amplifiers," IEEE Photonics Technology Letters, Vol. 7, No. 3 (March 1995), pages 284-286. Toptchiyski, G., et al., "Time-Domain Modeling of Semiconductor Optical Amplifiers for OTDM Applications," IEEE Journal of Lightwave Technology, Vol. 17, No. 12, Pages 2577-2583, December l1999. van Roijen, R., et al.., "Over 15 dB Gain from a Monolithically Integrated Optical Switch with an Amplifier," IEEE Photonics Technology Letters, Vol. 5, No. 5, Pages 529-531, May 1993. Walker, J.D. et al., "A Gain-Clamped, Crosstalk Free, Vertical Cavity Lasing Semiconductor Optical Amplifier for WDM Applications," summaries of the papers presented at the topical meeting, Integrated Photonics Search; 1996 Technical Digest Series; Proceedings of Integrated Photonics; Boston, MA, USA, 29.04-02.05 1996, Vol. 6, 1996, pages 474-477. Agility Unveils Long-Haul Laser, Light Reading - The Global Site for Optical Networking, retrieved from Internet www.lightreading.com/document.asp (3/30/01) EXAMINER

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